

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

PUMP AND FAN CONTROL CONCEPTS IN COOLING SYSTEM

Application Number:

10/731674

Confirmation Number:

4281

First Named Applicant:

Daniel Lenehan

Attorney Docket Number:

Search string:

(5704416 or 5727618 or 5759014 or 5763951 or 5800690 or 5801442 or 5835345 or 5836750 or 5858188 or 5863708 or 5869004 or 5870823 or 5874795 or 5876655 or 5880017 or 5880524 or 5901037 or 5936192 or 5940270 or 5942093 or 5964092 or 5965001 or 5965813 or 5978220 or 5997713 or 5998240 or 6007309 or 6010316 or 6013164 or 6019882 or 6054034 or 6068752 or 6090251 or 6096656 or 6100541 or 6101715 or 6119729 or 6126723 or 6129145 or 6131650 or 6146103 or 6154363 or 6159353 or 6171067 or 6174675 or 6176962 or 6186660 or 6210986 or 6216343 or 6221226).pn.

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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(3654988 or 3817321 or 3823572 or 3923426 or 3929154 or 4109707 or 4194559 or 4248295 or 4138996 or 4485429 or 4561040 or 4664181 or 4866570 or 4894709 or 4896719 or 4908112 or 5009760 or 5058627 or 5070040 or 5088005 or 5096388 or 5099311 or 5099910 or 5125451 or 5131233 or 5203401 or 5218515 or 5219278 or 5232047 or 5239200 or 5263251 or 5274920 or 5309319 or 5317805 or 5325265 or 5336062 or 5380956 or 5383340 or 5427174 or 5436793 or 5514906 or 5544696 or 5548605 or 5579828 or 5585069 or 5459099 or 5641400 or 5692558 or 5696405 or 5703536).pn.

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Signature

Examiner Name		^r Date
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or 6588498 or 6591625 or 6632665 or

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Signature

Examiner Name	Date
LICUL	1-8-07

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	INFO	ORMATIO	ON DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)	Applicants: Daniel J. Lenehan et al.			
(37 CI	FR § 1.9		,	Filing Date: December 8, 2003	Group Art Unit 3753 3744		
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FORM (Mod	M PTO-1	449	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: COOL-01901	Serial No.: 10/731,674		
•	•	ORMATIC	ON DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)	Applicants: Daniel J. Lenehan et al.	·		
(37 C	FR § 1.9	8(ь))	(Ost Services in recessary)	Filing Date: December 8, 2003	Group Art Unit: 9753 37 44		
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Paper No. 20040401

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Title of Invention

PUMP AND FAN CONTROL CONCEPTS IN A COOLING SYSTEM

Application Number:

10/731674

Confirmation Number:

4281

First Named Applicant:

Daniel Lenehan

Attorney Docket Number:

Search string:

(5371529 or 5441613 or 5534471 or 5632876

or 5989402).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

	ini	t	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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"[2	5441613	1995-08-15	McCormick et al.			
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Signature

Examiner Name	Date
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Page 1 of 1

Paper No. 2004060/

Sheet I of I FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: COOL-01901 Serial No.: 10/731,674 INFO PATION DISCLOSUSE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicants: Daniel J. Lenehan et al. Group Art Unit: 3753 374 (37 CFR § 1.98(b) Filing Date: December 8, 2003 U.S. PATENT DOCUMENTS Serial / Patent Number Issue Date Applicant / Patentee Class Subclass Filing Date AΑ 3,267,859 08/23/66 S. T. Jutila 103 02/18/64 AB 3,554,669 01/12/71 T. D. Reader 417 48 12/04/68 AC 6,012,902 01/11/00 417 Parce 48 09/25/97 ΑD 6,770,183 BI 08/03/04 Hencken et al. 204 600 07/26/01 2003/0022505 A I ΑE 01/30/03 Ouellet et al. 438 704 07/24/01 ΑF AG ΑН ΑJ ΑJ ΑK ALAM ΑN ΑO ΑP AQ AR AS ΑT ΑŲ ΑV AW ΑX ΑY ΑZ BA BB вС BD BE BF BG BH

Examiner: EXAMINER:

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Date Considered:

Paper No. 2004 0924

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U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: COOL-01901

Serial No.: 10/731,674

INFORMATION DISCLOSUSE STATEMENT BY APPLICANT Hees Seventh Heets If Necessary)

Applicants: Daniel J. Lenehan et al.

37 CFR § 1.98(b))			Filing Date: December 8, 2003		Group Art Unit: 3753 3 744			
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Paper NO. 20041008

Electronic Version v18

Stylesheet Version v18.0

Title of Invention PUMP AND FAN CONTROL CONCEPTS IN A COOLING SYSTEM

Application Number:

10/731674

Confirmation Number:

4281

First Named Applicant:

Daniel Lenehan

Attorney Docket Number:

Art Unit:

Examiner:

Search string:

(6438984 or 6581388 or 6587343).pn

<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Signature

Examiner Name	Date
Alline	1-8-07

Paper No. 2005 02 01

Electronic Version v18

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Title of Invention

PUMP AND FAN CONTROL CONCEPTS IN A COOLING SYSTEM

Application Number:

10/731674

Confirmation Number:

4281

First Named Applicant:

Daniel Lenehan

Attorney Docket Number:

Art Unit:

Examiner:

Search string:

(20020121105 or 20030121274 or 20040040695 or 20040089008).pn

<u>Certification</u>: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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Signature

Examiner Name	Date
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Electronic Version v18

Stylesheet Version v18.0

Title of Invention

PUMP AND FAN CONTROL CONCEPTS IN A COOLING SYSTEM

Application Number:

10/731674

Confirmation Number:

4281

First Named Applicant:

Daniel Lenehan

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(0596062 or 2273505 or 4211208 or 6397932 or 20020075645).pn

<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

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AVA	- 1	20020075645	2002-06-20	Kitano et al.	A1		

Signature

Examiner Name	Date
(XVCMI)	1-8-07

U.S. Department of Commerce Patent and Trademark Office FORM PTO-1409 (Modified) Serial No.: 10/731,674 Attorney Docket No.: COOL-01901 RE STATEMENT BY APPLICANT Sheets If Necessary) Applicants: Daniel J. Lenehan et al. Group Art Unit: 3753 3 744 Filing Date: December 8, 2003 U.S. PATENT DOCUMENTS Serial / Patent Number Examiner Initials Class Subclass Filing Date Issue Date Applicant / Patentee AAΑB AC AD ΑE ΑF AG ΑH ΑI ΑJ FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Document Number Subclass Class Country / Patent Office **Publication Date** Yes No X JP 10-99592 04/21/98 JP D06F 39/08 ΑK 23/427 х JP H01L JP 2001-326311 11/22/01 AL AM AN ΑO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) ΑP ΑQ AR AS ΑT ΑU ΑV ΑW ΑX ΑY 1-8-07 Date Considered: Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **EXAMINER:**

Sheet I of I FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: COOL-01901 Serial No.: 10/731,674 **INFORMATION** STATEMENT BY APPLICANT Sheets If Necessary) Applicants: Daniel J.Lenehan et al. (37 CFR § 1.98(b)) Filing Date: December 8, 2003 Group Art Unit: 3753 5 U.S. PATENT DOCUMENTS Serial / Patent Number Examiner : Issue Date Applicant / Patentee Class Subclass Filing Date AΑ 3,923,426 12/2/75 Theeuwes 417 48 8/15/74 ΑB 5,685,966 11/11/97 Aaron et al. 204 600 10/20/95 AC 5,901,037 5/4/99 Hamilton et al. 361 699 6/18/97 AD 6,103,199 8/15/00 Bjornson et al. 422 100 9/15/98 ΑE 6,106,685 8/22/00 McBride et al. 204 600 12/24/97 ΑF 6,154,226 11/28/00 York et al. 9/29/97 346 140.1 AG 6,251,254 B1 6/26/01 Katoh et al. 205 287 9/28/99 AΗ 6,260,579 B1 7/17/01 Yokota et al. 137 807 12/14/99 ΑI 6,388,385 B1 5/14/02 McGinn et al. 315 111.91 3/17/00 ΑJ 6,443,704 B1 9/3/02 Darabi et al. 417 50 3/2/01 ΑK 6,719,535 B2 4/13/04 Rakestraw et al. 417 50 1/31/02 2003/0062149 4/3/03 Goodson et al. 165 104.11 1/19/02 FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Document Number **Publication Date** Country / Patent Office Class Subclass Yes No AM AN ΑO ΑP OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) ΑQ AR AS AΤ ΑŬ A٧ ΑW ΑX ΑY ΑZ BA Examiner: Date Considered: **EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No. 2006 02 21

Sheet I of I FORM PTO-(Modified) U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: COOL-01901 Serial No.: 10/731,674 INFORMATIONE SCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicants: Daniel J.Lenehan et al. Filing Date: December 8, 2003 Group Art Unit: 3753 (37 CFR § 1.98(b)) U.S. PATENT DOCUMENTS Serial / Patent Number Examiner Issue Date Applicant / Patentee Class Subclass Filing Date Initials AA 2005/0084385 A1 4/21/2005 417 Corbin et al. 53 10/18/2004 ΑB AC AD ΑE ΑF AG ΑH ΑI ΑK ΑL FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Publication Date Document Number Country / Patent Office Class Subclass Yes No WO 2004/036040 A I AM 4/29/2004 **PCT** F04B 17/00 Х WO 2004/076857 A3 9/10/2004 AN PCT 37/02 Х ΑO ΑP OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) AQ AR ΑŞ ΑТ ΑU A٧ ΑW AX ΑY ΑZ BA Examiner: Date Considered: **EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper No- 2006 0530

FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Serial No.: 10/731,674 Attorney Docket No.: COOL-01901 JUN 2 6 2006 TION DISCLOSURY STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicants: Daniel J. Lenehan et al. کر Group Art Unit Filing Date: December 8, 2003 (37 CFR § 1.98(b)) U.S. PATENT DOCUMENTS Serial / Patent Number Examiner Initials Issue Date Class Subclass Filing Date Applicant / Patentee 165 152 11/03/95 10/15/96 Fukuoka et al. AΑ 5,564,497 Nakamura et al. 165 153 02/20/97 ΑB 5,810,077 09/22/98 AC ΑD ΑE ΑF AG ΑH Αl FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Document Number **Publication Date** Country / Patent Office Class Subclass Yes ΑK ΑL ΑM ΑN ΑO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) ΑP ΑQ AR AS ΑT ΑU ΑW ΑX ΑY Date Considered: Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. EXAMINER: